

ABSTRACT OF THE DISCLOSURE

Systems and methods for displaying gene- and/or protein- related data with respect to chromosome maps at locations identifying relevant positioning of the genes with which the gene- and/or protein related data are associated. Multiple experiments may be plotted onto the display adjacent one or more chromosome maps. Automatic extraction of genomic location, based on accession numbers or other unique identifiers and cross connection with expression data is provided. Statistical assessments of correlations between expression and genome localization may be performed. Zooming capabilities, thumbnail/fullview toggling, browsability and linked data may be included as features of the visualization systems described.